Serial No. 10/536488

-2-

Docket No. 4439-4033

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (original) A method for producing a β -1,4-mannobiose-containing composition wherein a mannan degrading enzyme is functioned to a mannan-containing natural material to produce at least 10% by weight of β -1,4-mannobiose based on the mannan before the degradation.
- 2. (currently amended) The A method for producing a β -1,4-mannobiose-containing composition wherein a mannan degrading enzyme is functioned to mannan extracted from a mannan-containing natural material to produce at least 10% by weight of β -1,4-mannobiose based on the mannan before the degradation.
- 3. (original) The method for producing a β-1,4-mannobiose-containing composition according to claim 1 or 2 wherein a mannan degrading enzyme is functioned to 100 parts by weight of mannan with supplementing 50-10000 parts by weight of water.
- 4. (currently amended) The method for producing a β -1,4-mannobiose-containing composition according to any one of claims $\frac{1 \pm 0.3}{1 \pm 0.2}$ wherein the temperature at which the mannan degrading enzyme is functioned ranges from 40° to 55°C.

Serial No. 10/536488

-3-

Docket No. 4439-4033

- 5. (currently amended) The method for producing a β -1,4-mannobiose-containing composition according to any one of claims $\frac{1}{1}$ to $\frac{2}{1}$ wherein 20-80% by weight of β -1,4-mannobiose based on the mannan before the degradation is produced.
- 6. (currently amended) The method for producing a β -1,4-mannobiose-containing composition according to any one of claims $\frac{1 \text{ to } 5}{1 \text{ to } 2}$ wherein the mannan-containing natural material is palm kernel meal and/or copra meal.
- (currently amended) A feed additive containing the β-1,4-mannobiose-containing
 composition prepared by the method for producing according to any one of claims 1 to 6 1 to 2.
- 8. (currently amended) A feed blended with the β -1,4-mannobiose-containing composition prepared by the method for producing according to any one of claims $\frac{1}{1}$ to $\frac{1}{2}$, which can inhibit colonization of salmonella in intestine of livestock or poultry.
- 9. (original) The feed according to claim 8, in which 0.001-1% by weight of β -1,4-mannobiose is contained.
- 10. (currently amended) The \underline{A} β -1,4-mannobiose-containing composition prepared through the function of a mannan degrading enzyme to a mannan-containing natural material, which contains at least 3% by weight of β -1,4-mannobiose in terms of dry matter.

Serial No. 10/536488

-4-

Docket No. 4439-4033

- 11. (currently amended) The A β -1,4-mannobiose-containing composition prepared through the function of a mannan degrading enzyme to mannan extracted from a mannan-containing natural material, which contains at least 10% by weight of β -1,4-mannobiose in terms of dry matter.
- 12. (original) The β -1,4-mannobiose-containing composition according to claim 10 or 11 wherein the mannan-containing natural material is palm kernel meal and/or copra meal.
- 13. (currently amended) A feed additive which contains the β -1,4-mannobiose-containing composition according to any one of claims 10-to 12 10 to 11.
- 14. (currently amended) A feed blended with the β -1,4-mannobiose-containing composition according to any one of claims $\frac{10 \text{ to } 12}{10 \text{ to } 11}$, which can inhibit colonization of salmonella in intestine of livestock or poultry.
- 15. (original) The feed according to claim 14 which contains 0.001-1% by weight of β-1,4-mannobiose.